

technical hotline +44 (0)1268 563720

circuit protection



range introduction

The Sentry range of Consumer Units from MK Electric has been stylishly designed to blend in with its environment. The curved lines and slim-line appearance mean it won't look out of place when installed in hallways, lounges or kitchens of new properties. The expanded range includes a 21-module unit for larger installations and also a 4-module unit to cater for small one-off installations and extensions to existing ones.

The MK Electric Design Service offers a pre-assembly service for custom built boards with all devices fitted, busbars cut and fitted with devices, live and neutral cables terminated. This service is available across the entire range of Metal, Insulated, Flush and Skeleton units.

features and benefits

Supports 17th Edition Compliance

Full range of products to support compliance with the 17th Edition of the Wiring Regulations including RCBOs and pre-assembled split load boards with a variety of RCD configurations.

Sentry Skeleton Boards for social housing

For use in a Mantel or Clifton type enclosure, a complete offering of blank and pre-configured skeleton units for use in buildings with multi-occupancy dwellings.

MK Electric Design Service for pre-assembled Consumer Units

Save time and money by specifying project requirements through the MK Electric Design Service. Pre-assembled custom built boards, with all devices pre-fitted with busbars and cables are available to suit any installation. Available across the entire range of Metal, Insulated, Flush and Skeleton units.

Flush mounting versions

Flush mounting available for even neater installations.

Protective lid

Opaque and downward opening lid conceals protective devices and labelling.

Floating busbar system

Gives maximum installation flexibility.

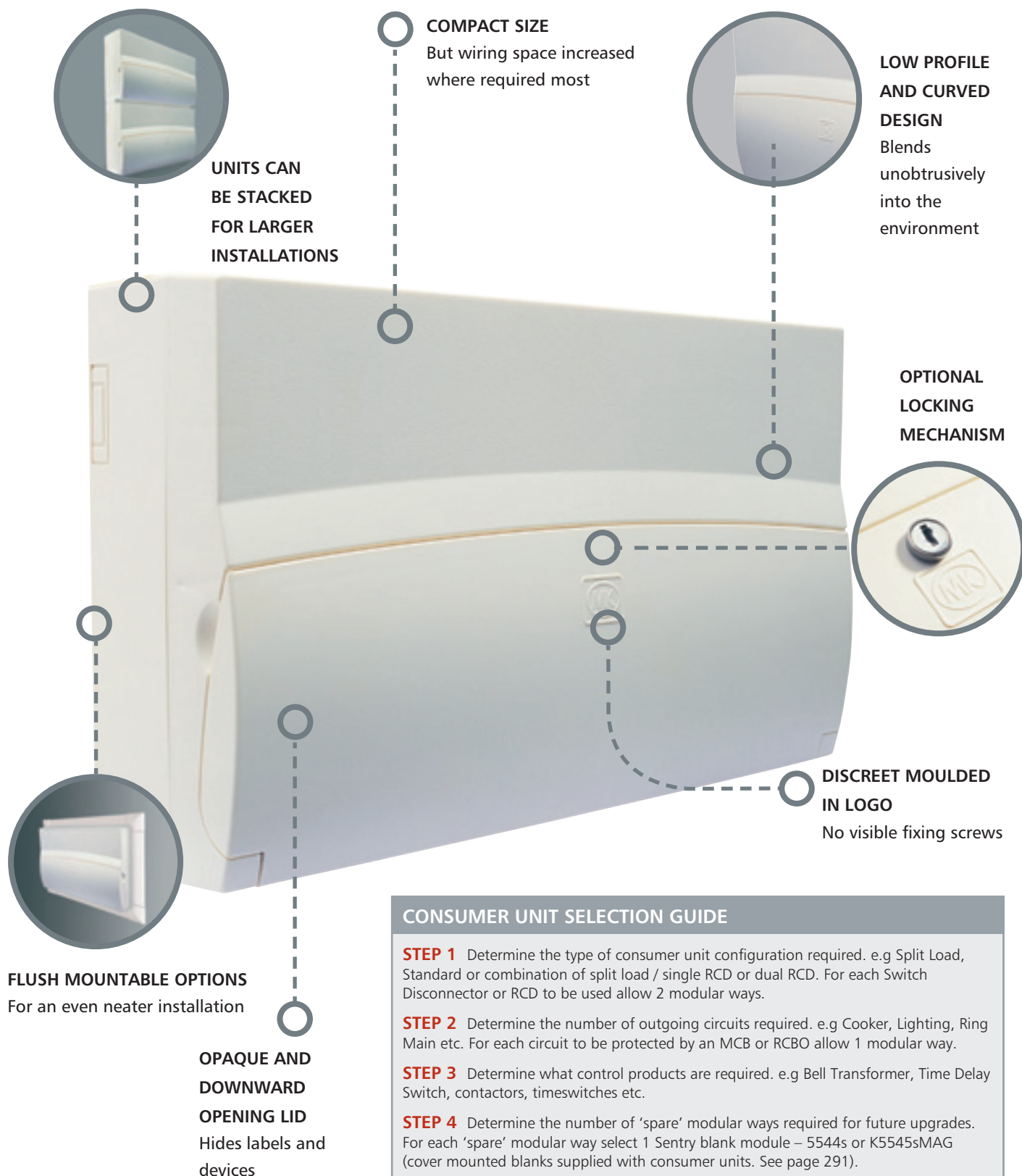
Broad selection of pre-assembled split load units available

Suits a variety of applications and saves installation time.

Stacking options

For larger installations dual rail 24, 32 and 42 module units possible in both insulated and metal.

MK Sentry Consumer Unit Features and Benefits



CONSUMER UNIT SELECTION GUIDE

STEP 1 Determine the type of consumer unit configuration required. e.g Split Load, Standard or combination of split load / single RCD or dual RCD. For each Switch Disconnector or RCD to be used allow 2 modular ways.

STEP 2 Determine the number of outgoing circuits required. e.g Cooker, Lighting, Ring Main etc. For each circuit to be protected by an MCB or RCBO allow 1 modular way.

STEP 3 Determine what control products are required. e.g Bell Transformer, Time Delay Switch, contactors, timeswitches etc.

STEP 4 Determine the number of 'spare' modular ways required for future upgrades. For each 'spare' modular way select 1 Sentry blank module – 5544s or K5545sMAG (cover mounted blanks supplied with consumer units. See page 291).

STEP 5 Now add together the total number of modular ways required.

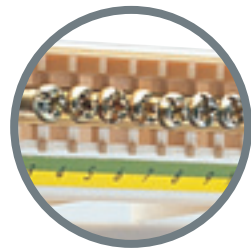
STEP 6 Select from our range of Insulated, Metal, Flush or stacked consumer units (using standard consumer units plus stacking kits). Choose the type and size most appropriate for your requirements.

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circuit protection

FLEXIBLE NEUTRAL BAR CONFIGURATION

Enables installer to select a wide combination of protected and unprotected circuits

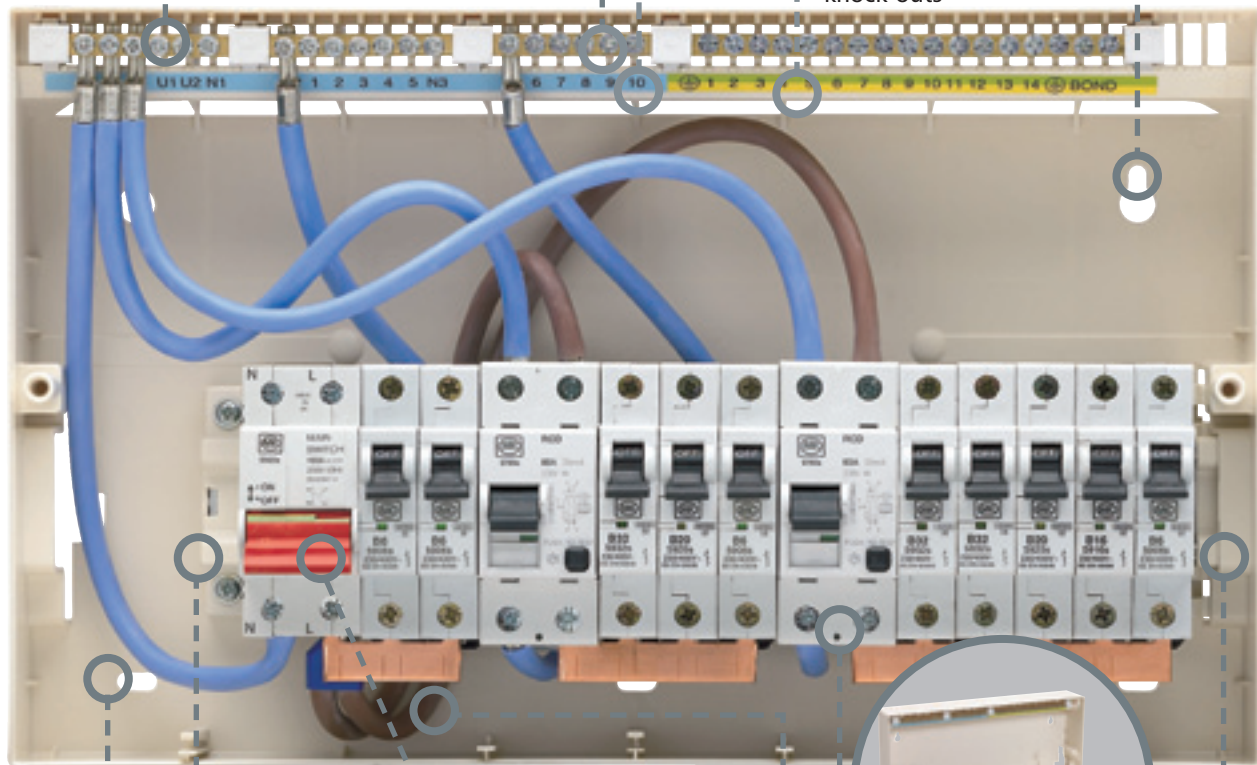


BACKED OUT AND CAPTIVE COMBI-HEAD SCREWS
Allows speedy installation

COLOUR CODED EARTH AND NEUTRAL TERMINAL LOCATED AT TOP OF UNIT FOR EASE OF WIRING



AMPLE 360° KNOCK-OUTS FOR CABLE ROUTING
Open cable entry at rear plus optional rear knock-outs



OFFSET INCOMER
Provides additional wiring space making mains input connections easier



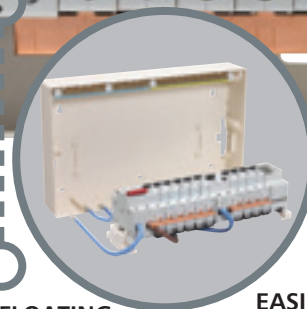
TRIPOD FIXING HOLES

Allow tripod fixing to cope with uneven surfaces. Hole locations allow access for cordless drills and power drivers

AMPLE WIRING SPACE

RAISED DIN-RAIL
For improved cable routing

FLOATING BUSBAR SYSTEM
For maximum installation flexibility including acceptance of control modules



EASILY REMOVABLE DIN-RAIL
Improves first fix

STACKING OPTIONS AVAILABLE

For 12, 16 & 21 Module Units ideal for larger applications, or where space may be limited

The MK Electric Design Service

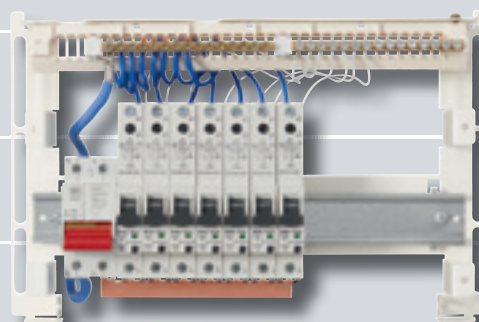
The MK Electric Design Service is perfect for when only a customised solution can meet your requirements, or when fully assembled Consumer Units can be provided for your project to save you installation time.

Our dedicated team can help you to build the best configurations for your project, and then assemble the boards ready for installation. The service is available for all MK Consumer Units – Metalclad, Insulated, Flush and Skeleton. Using standard and non-standard Sentry components we can build and supply fully assembled units to an agreed design. For example, have your split load boards supplied with all the devices pre-fitted with busbars and cables to suit the installation. This service is ideal for housing developers, or any application requiring typically more than twenty units.

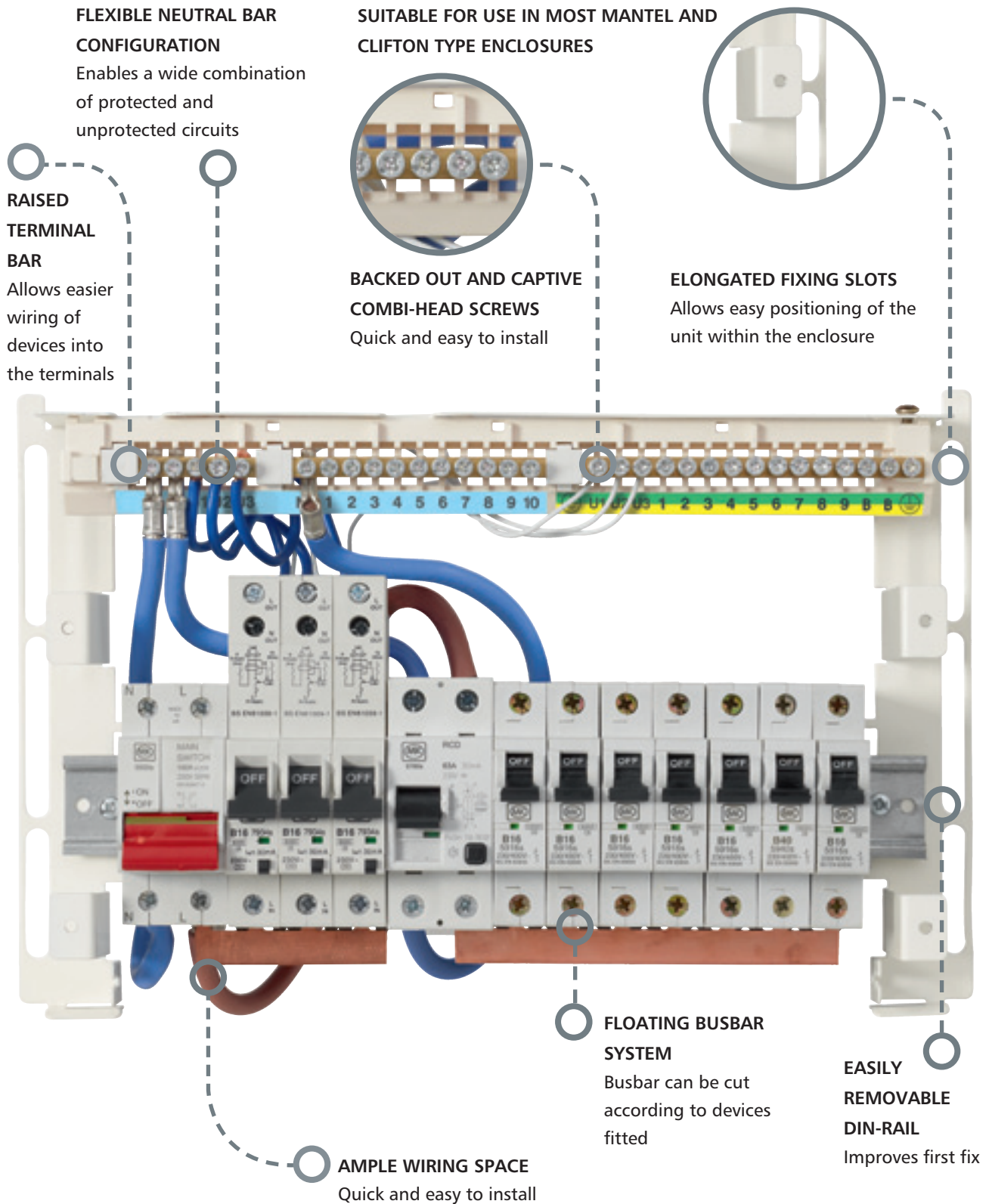
- Dedicated team on hand to build configuration to meet your needs
- Service is available for all MK Consumer Units and Skeleton Units
- Ideal for housing developments, or any application requiring typically more than 20 units
- Faster installation time on site
- Fast turnaround – 1 working day response time to initial enquiry

To find out more call the MK Electric Technical Services Team on 01268 563720 or visit www.mkelectric.co.uk and follow the links to the Design Service.

STEP 1	Call the MK Electric Technical Services Team on 01268 563720 or visit www.mkelectric.co.uk and follow the links to the Design Service
STEP 2	Discuss the details of your project and Circuit Protection requirements with a member of the MK Technical Services Team or complete the online enquiry and click send
STEP 3	Within one working day you will have a response to your initial enquiry
STEP 4	Confirm the configurations and quantities
STEP 5	Receive the quote for your order
STEP 6	Place your order with your wholesaler
STEP 7	Your order will be delivered to the wholesaler of your choice. All boards will be fully assembled and ready for installation



MK Sentry Skeleton Unit Features and Benefits



Selecting the right Consumer Unit for your installation

Sentry Consumer Units are designed to be fully flexible and offer a range of configurations.

Independent Circuit Protection

Boards with Switch Disconnectors and RCBOs give maximum protection and potentially less annoyance to the end user. In the event of fault conditions or nuisance tripping the disconnect will only effect the dedicated circuit.

K5612SMAG



Consumer unit options

Insulated	Metal	Flush	Number of ways in bare board
K5612sMAG	K5512sMAG	K6512sMAG	12
K5616sMAG	K5516sMAG	K6516sMAG	16
K5621sMAG	K5521sMAG	K6521sMAG	21

Typical Enclosure Configuration

SWITCH	RCBO	RCBO	RCBO	RCBO	RCBO	RCBO	RCBO	RCBO	RCBO	RCBO
	Shower	Sockets Upstairs	Sockets Downstairs	Cooker	Outside Sockets	Immersion Heater	Lighting Upstairs	Lighting Downstairs	Burglar Alarm	Smoke Alarm

Split Load Configurations, up to half Independent Circuits

Split load boards with RCDs, MCBs and RCBOs are ideal for protection of key designated circuits, for example upstairs lighting, downstairs lighting, smoke alarms and showers. Configurations shown include a Switch and RCD, with a further 8 and 12 ways respectively.

K5686SMAG17ED



Consumer unit options

Insulated	Metal	Number of ways in bare board
K5682sMAG17ED	K5582sMAG17ED	8
K5686sMAG17ED	K5586sMAG17ED	12
K5681sMAG17ED	K5581sMAG17ED	17

Some Examples of 8 way Configurations

SWITCH	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	MCB	SPARE
SWITCH	RCBO	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	SPARE
SWITCH	RCBO	RCBO	RCBO	RCD	MCB	MCB	MCB	MCB	MCB

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circuit protection

Dual RCD Protection, with some independent circuits

Dual RCD boards with MCB's and RCBOs give both general and essential protection. The configurations shown include a Switch and 2 RCDs, with a further 10 and 15 ways respectively.

K5681SMAG17ED



Consumer unit options

Insulated	Metal	Number of ways in bare board
K5666sMAG17ED	K5566sMAG17ED	10
K5686sMAG17ED	K5586sMAG17ED	10
K5681sMAG17ED	K5581sMAG17ED	15
K5683sMAG17ED	K5583sMAG17ED	15

Some Examples of 10 way Configurations

SWITCH	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB	MCB
SWITCH	RCBO	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB
SWITCH	RCD	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB	MCB	MCB

Some Examples of 15 way Configurations

SWITCH	RCBO	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB	MCB	MCB
SWITCH	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB	MCB	MCB
SWITCH	RCD	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB	MCB	MCB	MCB

These are some examples of Standard, Neutral and Earth bar configurations. Additional labelling is included in the box to allow for further alternatives

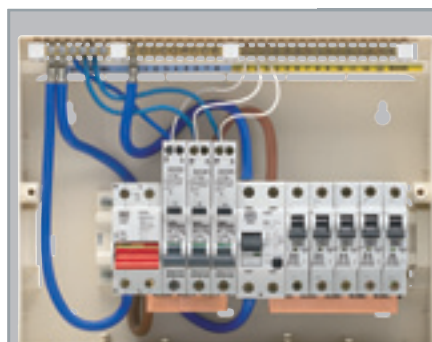
TERMINAL BAR CONFIGURATION

	Modules Empty	Earth Terminals		Neutral Terminals		Total Ways	Unprotected	RCD1	RCD2	RCD3
		Circuits	Bond	Total	Separate Blocks					
K5604sMAG	4	4	1	4	1	2	2	n/a	n/a	n/a
K5608sMAG	8	8	2	8	1	10	6	n/a	n/a	n/a
K5612sMAG	12	12	3	15	6 + 9	8	3 or 10*	8	n/a	n/a
K5616sMAG	16	14	3	19	6 + 7 + 6	16	2 or 7 or 14*	5	5	n/a
K5621sMAG	21	18	3	27	7 + 7 + 7 + 6	21	2 or 7 or 12 or 18*	5	5	3
K5504sMAG	4	4	1	4	1	2	2	n/a	n/a	n/a
K5508sMAG K6508sMAG	8	8	2	8	1	6	6	n/a	n/a	n/a
K5512sMAG K6512sMAG	12	12	3	15	6 + 9	8	3 or 10*	8	n/a	n/a
K5516sMAG K6516sMAG	16	14	3	19	6 + 7 + 6	16	2 or 7 or 14*	5	5	n/a
K5521sMAG K6521sMAG	21	18	3	27	7 + 7 + 7 + 6	21	2 or 7 or 12 or 18*	5	5	3

* Dependant on RCDs fitted

Note: Additional Terminal labels supplied on main sheet to support alternative terminal configurations

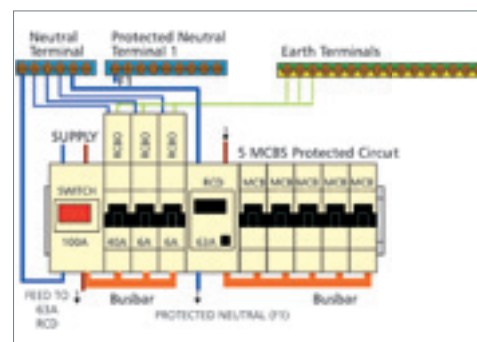
	Switch Disconnectors	MCB Single Pole Type B	Type C	RCBO with Solid Neutral Type B	Residential 6kA RCD 230V Double Pole			Industrial 10kA RCD 110V Double Pole	
				30mA	30mA	100mA	300mA	10mA	30mA
	TWO	ONE	ONE	ONE	TWO	TWO	TWO	TWO	TWO
RATING									
3A		5903s	8703s						
6A		5906s	8706s	7932s					
10A		5910s	8710s	7933s					
16A		5916s	8716s	7934s	7816s			6016s	6416s
20A		5920s	8720s	7935s					
25A		5925s	8725s						
32A		5932s	8732s	7936s	7832s				6032s
40A		5940s	8740s	7937s	7840s				
45A		5945s		7938s					
50A		5950s	8750s	7939s					
63A	5560s				7860s	7560s	7660s		
80A					7880s	7580s	7680s		6080s
100A	5500s								



TO BUILD A SPLIT LOAD RCD
CONSUMER UNIT WITH RCBOs
e.g. 3+5 split-load

Requires:

K5612sMAG Insulated Consumer
Unit, 12 Mod
K5563s Split Load Cable Kit
5500s Switch Disconnectors
5780s RCD, 80A 30mA
Select up to 3 RCBOs and 5 MCBs.



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circuit protection

Industrial
10kA RCD
230V
Double Pole

10mA

TWO



30mA

TWO



100mA

TWO



300mA

TWO



Industrial
10kA RCD
Pulsating DC Fault
Current Sensitive

10mA

TWO



30mA

TWO



Industrial
10kA RCD
Time Delayed
230V
Double Pole

100mA

TWO



Industrial
10kA RCD
230/400V
Four Pole

30mA

FOUR



Note: Only suitable as
standalone devices, in Sentry
four module enclosures and
Commando Combi

100mA

FOUR



300mA

FOUR



RATING

3A

6A

10A

16A

20A

25A

32A

40A

45A

50A

63A

80A

100A

6316s

5716s

6216s

6716s

6425s

6730s

6630s

5740s

5640s

6440s

6240s

5760s

6160s

5860s

5660s

6463s

6363s

6263s

5780s

6180s

5880s

6980s

7700s

6600s

7800s

6400s

TO BUILD A DUAL RCD CONSUMER
UNIT e.g. 2 + 3 + 5 split-load

Requires:

K5616sMAG

Insulated Consumer
Unit, 12 Mod
Split Load Cable Kit
twin RCD arrangement

K5568s

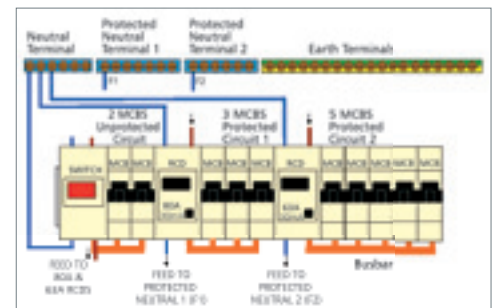
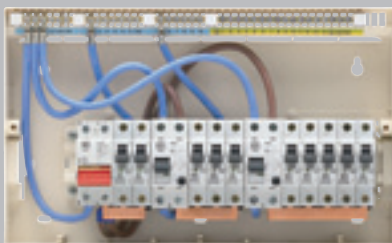
5500s

5780s

5760s

Switch Disconnecter
RCD, 80A 30mA
RCD, 63A 30mA

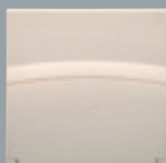
Select up to 10 MCBS.



Consumer Units

METAL
SURFACE

K5504sMAG



K5508sMAG



K5512sMAG



K5516sMAG

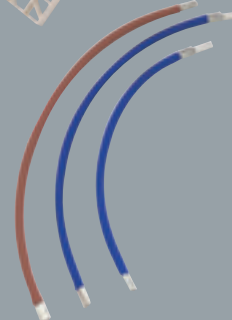


K5521sMAG

Stacking Kits

FOR METAL AND INSULATED
CONSUMER UNITS

K6063sMAG



K5561s

K5504sMAG

ACCEPTS 4
ONE MODULE PRODUCTS
(1 INTEGRAL NEUTRAL BAR)

K5508sMAG

ACCEPTS 8
ONE MODULE PRODUCTS
(1 INTEGRAL NEUTRAL BAR)

All units are magnolia coloured.

All units feature an enclosure box of welded construction finished in a tough coating of polyester epoxy paint containing ample knockouts in top, bottom, side and rear surfaces.

The units have an impact resistant, flame retardant, thermoplastic cover and lid.

Dual rail units are available for the 12, 16 and 21 module units to enable single tariff and split load (up to 80A) using Stacking Kits K6061sMAG, K6062sMAG and K6063sMAG respectively in between the units.

Degree of Protection to BS EN 60529 to IP2X C

Precautions must be taken to maintain the IP rating, e.g. use of cable glands and knockouts

BS EN 60439-3: 1999

1

K5512sMAG

ACCEPTS 12
ONE MODULE PRODUCTS
(2 INTEGRAL NEUTRAL BARS
FITTED WITH LINK)

1

K5516sMAG

ACCEPTS 16
ONE MODULE PRODUCTS
(3 INTEGRAL NEUTRAL BARS
FITTED WITH LINK)

1

K5521sMAG

ACCEPTS 21
ONE MODULE PRODUCTS
(4 INTEGRAL NEUTRAL BARS
FITTED WITH LINKS)

1

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5504sMAG:	140	x 230	x 110mm
K5508sMAG:	234	x 230	x 110mm
K5512sMAG:	306	x 230	x 110mm
K5516sMAG:	378	x 230	x 110mm
K5521sMAG:	468	x 230	x 110mm

Thickness of all Stacking Kits: 15mm

Main incomer maximum rating

K5604sMAG and K5504sMAG: 63A

All other consumer units: 100A

Cover mounted blanks are supplied with ALL consumer units
(2 off x 1 for 4, 8 and 12 module and
2 off x 2 for 16 and 21 module)



Assembly using a stacking kit

1

K6061sMAG

SUITABLE FOR USE WITH
12 MODULE UNITS

1

K6062sMAG

SUITABLE FOR USE WITH
16 MODULE UNITS

1

K6063sMAG

SUITABLE FOR USE WITH
21 MODULE UNITS

1

K5561s

CABLE KIT FOR STACKED
SENTRY UNITS

1

DUAL RAIL UNITS CAN BE CREATED USING 12, 16 AND 21 MODULE UNITS AND THE APPROPRIATE STACKING KIT.

Ideal for large applications or if additional capacity is required or for dual tariff applications.

K6061sMAG, K6062sMAG, K6063sMAG Enables two consumer units to be stacked (joined together) to form one integral consumer unit. Includes frame nuts, bolts and earth cable (for bonding earth terminal bars together).

Knockout holes in the base and top of consumer units align, allowing cables to pass through easily.

K5561s Includes 3 cables (2 neutral and 1 live) for use when electronically connecting the upper and lower units of a stacking assembly for either main incomer or split load arrangements.

This kit must be used to ensure compliance with BS EN 60439-3: 1999.

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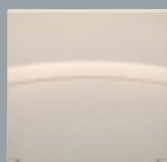
circuit protection

Consumer Units

INSULATED SURFACE



K5604sMAG



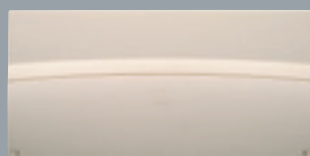
K5608sMAG



K5612sMAG



K5616sMAG



K5621sMAG

METAL FLUSH



K6508sMAG



K6512sMAG



K6516sMAG



K6521sMAG

K5604sMAG

ACCEPTS 4
ONE MODULE PRODUCTS
(1 INTEGRAL NEUTRAL BAR)

K5608sMAG

ACCEPTS 8
ONE MODULE PRODUCTS
(1 INTEGRAL NEUTRAL BAR)

All units are magnolia coloured.

All units feature a robust base together with an all over front cover and moulded lid in an impact resistant, flame retardant thermoplastic. Cable entry points are located on top, bottom, side and rear surfaces.

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5604sMAG:	140 x	230 x	110mm
K5608sMAG:	234 x	230 x	110mm
K5612sMAG:	306 x	230 x	110mm
K5616sMAG:	378 x	230 x	110mm
K5621sMAG:	468 x	230 x	110mm

Main incomer maximum rating
K5604sMAG and K5608sMAG: 63A

All other consumer units: 100A

1 K5612sMAG

ACCEPTS 12
ONE MODULE PRODUCTS
(2 INTEGRAL NEUTRAL BARS
FITTED WITH LINK)

1 K5616sMAG

ACCEPTS 16
ONE MODULE PRODUCTS
(3 INTEGRAL NEUTRAL BARS
FITTED WITH LINK)

K5621sMAG

ACCEPTS 21
ONE MODULE PRODUCTS
(4 INTEGRAL NEUTRAL BARS
FITTED WITH LINKS)

Degree of protection to BS EN 60529 to IP2XC.

Precautions must be taken to maintain the IP rating, e.g. use of cable glands and knockouts.

BS EN 60439-3: 1999

FACTORY BUILT SERVICE

MK can save you time and money by pre-assembling Consumer units with your required Sentry components

1 K6508sMAG

ACCEPTS 8
ONE MODULE PRODUCTS
(1 INTEGRAL NEUTRAL BAR)

1 K6512sMAG

ACCEPTS 12
ONE MODULE PRODUCTS
(2 INTEGRAL NEUTRAL BARS
FITTED WITH LINK)

All units feature a tough galvanised metal box for insertion into the wall cavity, which can be secured at the rear or panel-mounted using the brackets supplied. The DIN rail embodies a useful alignment adjusting mechanism to make for a speedy installation. The units have an impact resistant, flame retardant, thermoplastic cover, lid and a flush moulded frame is supplied to overlap the exposed cavity to produce a smooth line between unit and wall.

Degree of protection to BS EN 60529 to IP2XC.

Precautions must be taken to maintain the IP rating, e.g. use of cable glands and knockouts.

Cover mounted blanks are supplied with ALL consumer units
(2 off x 1 for 4, 8 and 12 module and 2 off x 2 for 16 and 21 module)

1 K6516sMAG

ACCEPTS 16
ONE MODULE PRODUCTS
(3 INTEGRAL NEUTRAL BARS
FITTED WITH LINK)

1 K6521sMAG

ACCEPTS 21
ONE MODULE PRODUCTS
(4 INTEGRAL NEUTRAL BARS
FITTED WITH LINKS)

BS EN 60439-3: 1999

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K6508sMAG:	234 x	230 x	106.5mm
K6512sMAG:	306 x	230 x	106.5mm
K6516sMAG:	378 x	230 x	106.5mm
K6521sMAG:	468 x	230 x	106.5mm

Flush frame adds 38mm per side to the unit

WALL CAVITY DIMENSIONS:

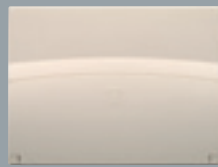
	WIDTH	HEIGHT	DEPTH (min)
K6508sMAG:	245 x	235 x	67mm
K6512sMAG:	315 x	235 x	67mm
K6516sMAG:	390 x	235 x	67mm
K6521sMAG:	480 x	235 x	67mm

Depth of flush consumer unit visible on wall: 50mm

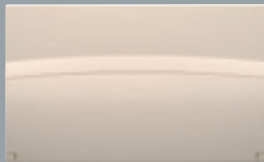
Consumer Units

WITH SPLIT-LOAD SINGLE
RCD ARRANGEMENTS
METAL
SURFACE

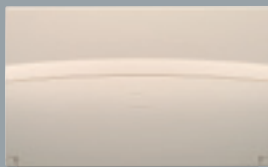
WITH SPLIT-LOAD SINGLE
RCD ARRANGEMENTS
INSULATED
SURFACE



K5582sMAG



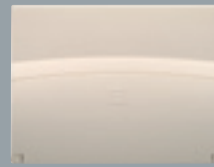
K5566sMAG



K5586sMAG



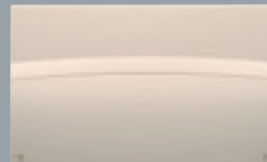
K5581sMAG



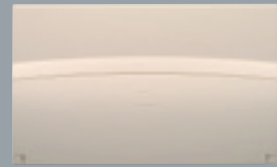
K5682sMAG



K5662sMAG



K5666sMAG



K5686sMAG



K5681sMAG

K5582sMAG

1

100A SWITCH DISCONNECTOR AND 63A 30mA RCD. ACCEPTS A FURTHER 8 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS BETWEEN 1/6 AND 6/1

K5566sMAG

1

100A SWITCH DISCONNECTOR AND 63A 30mA RCD. ACCEPTS A FURTHER 12 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS BETWEEN 1/8 AND 8/1

All units are magnolia coloured.

All units are pre-fitted with a switch disconnecter and RCD together with all necessary split-load cabling. The flexibility of design allows the RCD to be positioned to suit the required configuration of RCD protected and non-protected circuits, subject to the rating of either the switch or RCD not being exceeded. MK recommends the use of RCBOS for non RCD protected circuits to comply with the 17th Edition of the Wiring Regulations.

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5582sMAG:	306	x 230	x 110mm
K5566sMAG:	378	x 230	x 110mm
K5586sMAG:	378	x 230	x 110mm
K5581sMAG:	468	x 230	x 110mm

K5586sMAG

1

100A SWITCH DISCONNECTOR AND 80A 30mA RCD. ACCEPTS A FURTHER 12 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS BETWEEN 1/8 AND 8/1

K5581sMAG

1

100A SWITCH DISCONNECTOR AND 80A 30mA RCD. ACCEPTS A FURTHER 17 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS BETWEEN 1/14 AND 14/1

Degree of Protection to

BS EN 60529 to IP2XC

Precautions must be taken to maintain the IP rating e.g. use of cable glands and knockouts

BS EN 60439-3: 1999

K5682sMAG

1

100A SWITCH DISCONNECTOR AND 63A 30mA RCD. ACCEPTS A FURTHER 8 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED & UNPROTECTED CIRCUITS BETWEEN 1/6 AND 6/1

K5662sMAG

1

100A SWITCH DISCONNECTOR AND 80A 30mA RCD. ACCEPTS A FURTHER 8 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED & UNPROTECTED CIRCUITS BETWEEN 1/6 AND 6/1

K5666sMAG

1

100A SWITCH DISCONNECTOR AND 63A 30mA RCD. ACCEPTS A FURTHER 12 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED & UNPROTECTED CIRCUITS BETWEEN 1/8 AND 8/1

All units are magnolia coloured.

All units are pre-fitted with a switch disconnecter and RCD together with all necessary split load cabling. The flexibility of design allows the RCD to be positioned to suit the required configuration of RCD protected and non-protected circuits, subject to the rating of either the switch or RCD not being exceeded. MK recommends the use of RCBOS for non RCD protected circuits to comply with the 17th Edition of the Wiring Regulations.

K5686sMAG

1

100A SWITCH DISCONNECTOR AND 80A 30mA RCD. ACCEPTS A FURTHER 12 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED & UNPROTECTED CIRCUITS BETWEEN 1/8 AND 8/1

K5681sMAG

1

100A SWITCH DISCONNECTOR AND 80A 30mA RCD. ACCEPTS A FURTHER 17 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED & UNPROTECTED CIRCUITS BETWEEN 14/1 AND 1/14

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5682sMAG:	306	x 230	x 110mm
K5662sMAG:	306	x 230	x 110mm
K5666sMAG:	378	x 230	x 110mm
K5686sMAG:	378	x 230	x 110mm
K5681sMAG:	468	x 230	x 110mm

Degree of protection to BS EN 60529:1992 IP2XC

Precautions must be taken to maintain the IP rating, eg. correct use of cable glands and knockouts

BS EN 60439-3: 1999

FACTORY BUILT SERVICE

MK can save you time and money by pre-assembling Consumer units with your required Sentry components

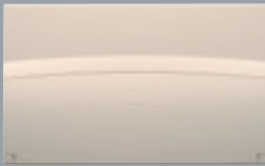
Cover mounted blanks are supplied with ALL consumer units
(2 off x 1 for 4, 8 and 12 module and 2 off x 2 for 16 and 21 module)

technical hotline +44 (0)1268 563720

circuit protection

WITH SPLIT LOAD
DUAL/TRIPLE RCD
ARRANGEMENT
METAL
SURFACE

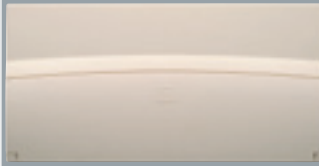
WITH SPLIT LOAD
DUAL/TRIPLE RCD
ARRANGEMENT
INSULATED
SURFACE



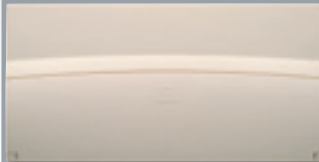
K5566sMAG17ED



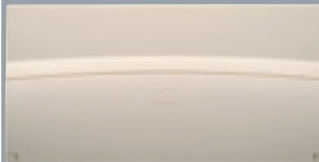
K5586sMAG17ED



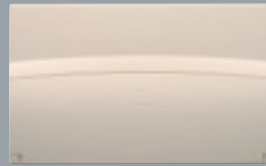
K5581sMAG17ED



K5583sMAG17ED



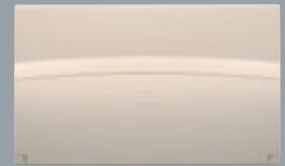
K5584sMAG17ED



K5666sMAG17ED



K5686sMAG17ED



K5688sMAG17ED



K5687sMAG17ED

K5566sMAG17ED ¹
100A SWITCH DISCONNECTOR AND 2 X 63A 30MA RCDS. ACCEPTS A FURTHER 10 ONE MODULE PRODUCTS *

K5586sMAG17ED ¹
100A SWITCH DISCONNECTOR 80A AND 63A 30MA RCDS. ACCEPTS A FURTHER 10 ONE MODULE PRODUCTS *

K5581sMAG17ED ¹
100A SWITCH DISCONNECTOR, 80A AND 63A 30MA RCDS. ACCEPTS A FURTHER 15 ONE MODULE PRODUCTS *

K5583sMAG17ED ¹
100A SWITCH DISCONNECTOR AND 2 X 63A 30MA RCDS. ACCEPTS A FURTHER 15 ONE MODULE PRODUCTS *

K5584sMAG17ED ¹
100A SWITCH DISCONNECTOR, 2 X 63A AND ONE 40A 30MA RCDS. ACCEPTS A FURTHER 13 ONE MODULE PRODUCTS *

K5666sMAG17ED ¹
100A SWITCH DISCONNECTOR AND 2 X 63A 30MA RCDS. ACCEPTS A FURTHER 10 ONE MODULE PRODUCTS *

K5686sMAG17ED ¹
100A SWITCH DISCONNECTOR 80A AND 63A 30MA RCDS. ACCEPTS A FURTHER 10 ONE MODULE PRODUCTS *

K5688sMAG17ED ¹
100A SWITCH DISCONNECTOR AND 2 X 80A 30MA RCDS. ACCEPTS A FURTHER 10 ONE MODULE PRODUCTS *

K5687sMAG17ED ¹
100A SWITCH DISCONNECTOR AND 2 X 80A 30MA RCDS. ACCEPTS A FURTHER 15 ONE MODULE PRODUCTS *

All units are magnolia coloured. All units are pre-fitted with a switch disconnector and either two or three RCDs together with all necessary split-load cabling. All units have the capacity to substitute Protected with Unprotected circuits for use with fridges, freezers, burglar alarms and other critical circuits. MK recommends the use of RCBOS for non RCD protected circuits to comply with the 17th Edition of the Wiring Regulations.

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5566sMAG17ED:	378	x 230	x 110mm
K5586sMAG17ED:	378	x 230	x 110mm
K5581sMAG17ED:	468	x 230	x 110mm
K5583sMAG17ED:	468	x 230	x 110mm
K5584sMAG17ED:	468	x 230	x 110mm
K5687sMAG17ED:	468	x 230	x 110mm

Degree of Protection to BS EN 60529 to IP2XC
Precautions must be taken to maintain the IP rating e.g. use of cable glands and knockouts
BS EN 60439-3: 1999

All units are magnolia coloured. All units are pre-fitted with a switch disconnector and either two or three RCDs together with all necessary split-load cabling. All units have the capacity to substitute Protected with Unprotected circuits for use with fridges, freezers, burglar alarms and other critical circuits. MK recommends the use of RCBOS for non RCD protected circuits to comply with the 17th Edition of the Wiring Regulations.

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5666sMAG17ED:	378	x 230	x 110mm
K5686sMAG17ED:	378	x 230	x 110mm
K5688sMAG17ED:	378	x 230	x 110mm

***For potential configurations, please refer to pages 276-277**

K5681sMAG17ED:	468	x 230	x 110mm
K5687sMAG17ED:	468	x 230	x 110mm
K5683sMAG17ED:	468	x 230	x 110mm
K5684sMAG17ED:	468	x 230	x 110mm

Consumer Units



K5681sMAG17ED



K5683sMAG17ED



K5684sMAG17ED

K5681sMAG17ED

100A SWITCH DISCONNECTOR, 80A AND 63A 30MA RCDS. ACCEPTS A FURTHER 15 ONE MODULE PRODUCTS*

K5683sMAG17ED

100A SWITCH DISCONNECTOR AND 2 X 63A 30MA RCDS. ACCEPTS A FURTHER 15 ONE MODULE PRODUCTS*

K5684sMAG17ED

100A SWITCH DISCONNECTOR, TWO 63A AND ONE 40A 30MA RCDS. ACCEPTS A FURTHER 13 ONE MODULE PRODUCTS*

*For potential configurations, please refer to pages 276-277

Degree of Protection to
BS EN 60529 to IP2XC

Precautions must be taken to maintain the IP rating e.g. use of cable glands and knockouts
BS EN 60439-3: 1999

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5666sMAG17ED:	378	x 230	x 110mm
K5686sMAG17ED:	378	x 230	x 110mm
K5688sMAG17ED:	378	x 230	x 110mm

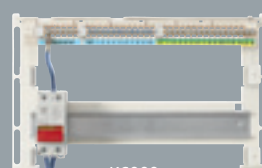
Degree of Protection to
BS EN 60529 to IP2XC

Precautions must be taken to maintain the IP rating e.g. use of cable glands and knockouts
BS EN 60439-3: 1999

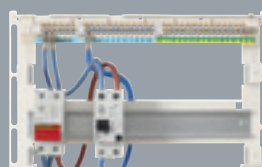
K5681sMAG17ED:	468	x 230	x 110mm
K5687sMAG17ED:	468	x 230	x 110mm
K5683sMAG17ED:	468	x 230	x 110mm
K5684sMAG17ED:	468	x 230	x 110mm

Skeleton Units

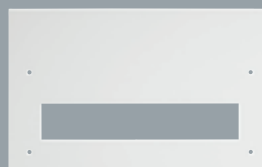
FOR MOUNTING IN A
MANTEL/CLIFTON TYPE
ENCLOSURE



K6000s



K6001s



Both K6000s and K6001s are supplied with a 2 piece cover

K6000s

INCLUDES 1 X 100A SWITCH DISCONNECTOR ACCEPTS A FURTHER 12 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS BETWEEN 2/10 AND 10/2 (NOTE RCDS TAKE TWO SPACES)
1 INTEGRAL NEUTRAL BAR

K6001s

INCLUDES 1 X 100A SWITCH DISCONNECTOR AND 1 X 63A 30MA RCD ACCEPTS A FURTHER 10 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS BETWEEN 2/8 AND 8/2 (NOTE RCDS TAKE TWO SPACES)

These units are suitable for use in most Mantel and Clifton type enclosures. Factory assembled units are available for specific installations.

DIMENSIONS WITH COVER:

	WIDTH	HEIGHT	DEPTH
K6000s:	333	x 216	x 65mm
K6001s:	333	x 216	x 65mm

Degree of Protection to
BS EN 60529:1992 IP30

Precautions must be taken to maintain the IP rating, eg. correct use of cable glands and knockouts.

BS EN 60439-3:1999

Garage/Shower Kits

IP65



5702sP1



5702sP2

5702sP1

INSULATED 4 MODULE IP65 GARAGE KIT. COMPLETE WITH 40A 30mA RCD AND 2 X MCB (1 X B TYPE 6A, 1 X B TYPE 16A)

5702sP2

INSULATED 4 MODULE IP65 SHOWER KIT. COMPLETE WITH 63A 30mA RCD AND 1 X 50A MCB

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
5702sP1:	123	x 200	x 112mm
5792sP2:	123	x 200	x 112mm

technical hotline +44 (0)1268 563720

circuit protection

Enclosures

IP65 WEATHERPROOF ENCLOSURE



5702s



5704s

5702s
WEATHERPROOF
COMPLETE WITH NEUTRAL AND
EARTH TERMINAL BLOCK
ACCEPTS UP TO 4 MODULES

5704s
WEATHERPROOF
COMPLETE WITH NEUTRAL AND
EARTH TERMINAL BLOCK
ACCEPTS UP TO 8 MODULES

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
5702S:	123 x	200 x	112mm
5704S:	195 x	200 x	112mm
5502S:	130 x	90 x	90mm
5504S:	188 x	121 x	74mm
5604S:	150 x	110 x	90mm

Typical applications for enclosures are house extensions, garages and small workshops. These enclosures will accommodate two or four module Sentry RCDs or a combination of Sentry modules, excluding contactors and RCBOs.

IP30 ENCLOSURE



5502s



5504s



5604s

5502s
INSULATED COMPLETE WITH
MOUNTING RAIL, NEUTRAL
AND EARTH TERMINALS
TWO MODULE

5504s
METAL
WITH MOUNTING RAIL,
EARTH TERMINALS AND
MOULDED FRONT PLATE
FOUR MODULE

5604s
INSULATED
WITH MOUNTING RAIL,
TWO INTEGRAL BLANKING PLATES
AND TAMPER-PROOFING
COMPONENTS
FOUR MODULE

Degree of Protection to
BS EN 60529:1992

5702s: IP65
5704s: IP65
5502s: IP30
5504s: IP30
5604s: IP30

Precautions must be taken to maintain
the IP rating, eg. correct use of cable
glands and knockouts

IP65 enclosures to EN 60670

Switch Disconnectors Double Pole

TWO MODULE



5500s



5560s

5500s
100A 230V

5560s
63A 230V

Suitable for installation in Sentry
Consumer Units and two or four module
enclosures. Accepts direct to busbar or
cable-in / cable-out connection. Category
of duty: AC22A for switching of resistive
and inductive loads.

Positive contact status indication in
accordance with 17th Edition IEE Wiring
Regulations
(537.2.2.2 and 537.3.2.2)

DIMENSIONS:
81 x 36 x 76mm

CABLE CAPACITY:
50mm²

BS EN 60947-3: 1999

MCBs Single Pole

TYPE B ONE MODULE



5903s



5906s



5920s



5940s



5910s



5916s



5945s



5950s

5903s
3A 230V

5906s
6A 230V

5910s
10A 230V

5916s
16A 230V

5920s
20A 230V

5925s
25A 230V

5932s
32A 230V

5940s
40A 230V

5945s
45A 230V

5950s
50A 230V

Suitable for installation
in Sentry Consumer Units
and two or four module
enclosures.

Positive contact status
indication in accordance
with 17th Edition IEE
Wiring Regulations
(537.2.2.2 and 537.3.2.2)

DIMENSIONS:
83 x 18 x 74mm

CABLE CAPACITY:
3, 6, 10, 16A: 35mm²

Short-circuit breaking
capacity: 6KA

BS EN 60898: 2003

Suitable for installation
in Sentry Consumer Units
and two or four module
enclosures.

Positive contact status
indication in accordance
with 17th Edition IEE
Wiring Regulations
(537.2.2.2 and 537.3.2.2)

DIMENSIONS:
83 x 18 x 74mm

CABLE CAPACITY:
20, 32, 40, 50A : 35mm²

Short-circuit breaking
capacity: 6KA

BS EN 60898: 2003

MCB Single Pole

TYPE C
ONE MODULE



8703s 8706s



8710s 8716s



8720s 8732s



8740s 8750s

RCBOs With Solid Neutral Single Pole

TYPE B
ONE MODULE



7932s 7933s 7934s 7935s



7936s 7937s 7938s 7939s

Residential 6kA RCD Double Pole

16 AMP
TWO MODULE



7816s

32 AMP
TWO MODULE



7832s

40 AMP
TWO MODULE



7840s

8703s 10 3A 230V
8706s 10 6A 230V
8710s 10 10A 230V
8716s 10 16A 230V
8720s 10 20A 230V
8725s 10 25A 230V
8732s 10 32A 230V
8740s 10 40A 230V
8750s 10 50A 230V

7932s 10 6A 230V
30mA
TRIPPING CURRENT
7933s 10 10A 230V
30mA
TRIPPING CURRENT
7934s 10 16A 230V
30mA
TRIPPING CURRENT

7935s 1 20A 230V
30mA TRIPPING CURRENT
7936s 1 32A 230V
30mA TRIPPING CURRENT
7937s 1 40A 230V
30mA TRIPPING CURRENT
7938s 1 45A 230V
30mA TRIPPING CURRENT
7939s 1 50A 230V
30mA TRIPPING CURRENT

7816s 1 16A 230V
30mA TRIPPING CURRENT
7832s 1 32A 230V
30mA TRIPPING CURRENT
7840s 1 40A 230V
30mA TRIPPING CURRENT

Suitable for installation in Sentry Consumer Units and two or four module enclosures.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
83 x 18 x 74mm
CABLE CAPACITY:
3, 6, 10, 16A: 35mm²
Short-circuit breaking capacity: 6kA
BS EN 60898: 2003

Suitable for installation in Sentry Consumer Units and two or four module enclosures.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
83 x 18 x 74mm
CABLE CAPACITY:
20, 32, 40, 50A: 35mm²
Short-circuit breaking capacity: 6kA
BS EN 60898: 2003

Suitable for installation in Sentry Consumer Units.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
119 x 18 x 73mm
CABLE CAPACITY:
Live 25mm²,
Neutral 25mm²
Short circuit breaking capacity: 6kA
BS EN 61009-1
BS IEC61009-2-2



technical hotline +44 (0)1268 563720

circuit protection

Industrial 10kA RCDs Double Pole

63 AMP TWO MODULE 80 AMP TWO MODULE 16 AMP TWO MODULE 32 AMP TWO MODULE 40 AMP TWO MODULE 63 AMP TWO MODULE 80 AMP TWO MODULE 100 AMP TWO MODULE



7860s



7880s



6016s



6032s



5740s



5760s



6080s



6600s



7660s



7680s



6316s



6730s



5860s



5880s



7800s

7860s
63A 230V
30mA TRIPPING
CURRENT

1 7880s
80A 230V
30mA TRIPPING
CURRENT

1 6016s
16A 110V
10mA TRIPPING
CURRENT

1 6032s
32A 110V
30mA TRIPPING
CURRENT

1 5740s
40A 230V
30mA TRIPPING
CURRENT

1 5760s
63A 230V
30mA TRIPPING
CURRENT

1 6080s
80A 110V
30mA TRIPPING
CURRENT

1 7700s
100A 230V
30mA TRIPPING
CURRENT

7560s
63A 230V
100mA
TRIPPING CURRENT

1 7580s
80A 230V
100mA TRIPPING
CURRENT

1 6416s
16A 110V
30mA TRIPPING
CURRENT

1 6730s
32A 230V
30mA TRIPPING
CURRENT

1

6160s
63A 230V
100mA TRIPPING
CURRENT

1 5780s
80A 230V
30mA TRIPPING
CURRENT

1 6600s
100A 230V
100mA TRIPPING
CURRENT

7660s
63A 230V
300mA TRIPPING
CURRENT

1 7680s
80A 230V
300mA TRIPPING
CURRENT

1 6316s
16A 230V
10mA TRIPPING
CURRENT

1

5716s
16A 230V
30mA TRIPPING
CURRENT

1

5860s
63A 230V
300mA TRIPPING
CURRENT

1 6180s
80A 230V
100mA TRIPPING
CURRENT

1 7800s
100A 230V
300mA TRIPPING
CURRENT

5880s
80A 230V
300mA TRIPPING
CURRENT

1

Suitable for installation
in Sentry Consumer Units
and two or four module
enclosures.

Positive contact status
indication in accordance
with 17th Edition IEE
Wiring Regulations
(537.2.2.2 and 537.3.2.2)

Dimension
85 x 36 x 75mm

CABLE CAPACITY:
50mm²

BS EN 61008: 1995

Industrial 10kA RCDs Pulsating D.C. Fault Current Sensitive Double Pole

TWO MODULE

Industrial 10kA RCDs Time Delayed Double Pole

TWO MODULE

Industrial 10kA RCDs Four Pole

25 AMP

FOUR MODULE

40 AMP

FOUR MODULE



6216s



6716s



5640s



6980s



6425s



6440s



6630s



5660s



6400s



6240s

6216s
16A 230V
10mA TRIPPING CURRENT

6716s
16A 230V
30mA TRIPPING CURRENT

6630s
32A 230V
30mA TRIPPING CURRENT

5640s
40A 230V
30mA TRIPPING CURRENT

5660s
63A 230V
30mA TRIPPING CURRENT

6980s
80A 230V
100mA TRIPPING
CURRENT
TIME DELAYED

6400s
100A 230V
100mA TRIPPING
CURRENT
TIME DELAYED

6425s
25A 230/400V
30mA TRIPPING CURRENT

6440s
40A 230/400V
30mA TRIPPING CURRENT

6240s
40A 230/400V
100mA TRIPPING CURRENT

Suitable for installation
in Sentry Consumer Units
and two or four module
enclosures.

Positive contact status
indication in accordance
with 17th Edition IEE
Wiring Regulations
(537.2.2.2 and 537.3.2.2)

DIMENSIONS:
85 x 36 x 75mm

CABLE CAPACITY:
50mm²

BS EN 61008:1995

Suitable for installation
in Sentry Consumer
Units and Four Module
enclosures. When
used as a mains
incomer these units will
provide discrimination
with downstream
instantaneously
operating 10mA or
30 mA RCD's. For
example, they can be
used as main incomers
on split load consumer
units where it is not
desirable, because
of the possibility of
unwanted tripping, to
place all of the circuits
on an instantaneous
30mA RCD, but where
earth leakage protection
is still required for
these circuits or
where compliance is

Suitable for installation in Sentry four module
enclosures and Commando Combi.

Positive contact status indication in
accordance with 17th Edition IEE Wiring
Regulations
(537.2.2.2 and 537.3.2.2)

DIMENSIONS:
85 x 72 x 75mm

CABLE CAPACITY:
50mm²

BS EN 61008:1995

required to the indirect contact
protection requirements of the
IEE wiring regulations.

DIMS: 81 x 36 x 76mm

CABLE CAPACITY: 50mm²

BS EN 61008: 1995

NOT TO BE USED FOR
PERSONAL PROTECTION
AGAINST ELECTRIC SHOCK

FACTORY BUILT SERVICE

MK can save you time and money by pre-assembling Consumer units
with your required Sentry components

technical hotline +44 (0)1268 563720

circuit protection

Industrial 10kA RCD Pulsating D.C. Fault Current Sensitive Four Pole

Contactors

63 AMP

FOUR MODULE

FOUR MODULE

ONE MODULE TWO MODULE THREE MODULE



6463s



6640s



6363s



6220s



7240s



7440s



6720s



7263s



7463s

6463s

63A 230/400V
30mA TRIPPING CURRENT

1

6363s

63A 230/400V
100mA TRIPPING CURRENT

1

6263s

63A 230/400V
300mA TRIPPING CURRENT

1

6640s

40A 230/400V
30mA TRIPPING CURRENT

1

Suitable for installation in Sentry two or four module enclosures.
Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
85 x 72 x 75mm

CABLE CAPACITY:
50mm²

BS EN 61008: 1995

1

6220s

20A
DOUBLE POLE

6720s

20A
DOUBLE POLE
WITH MANUAL
OVERRIDE

Suitable for installation in Sentry Consumer Units and two or four module enclosures. Automatically switches higher loads than possible with a time switch eg: off peak tariffs.

A manual override enables the temporary setting of the contactor in either the on or off position in addition to normal automatic operation.

When a contactor is mounted alongside an MCB of greater than 10 amp current rating or two contactors are mounted alongside an MCB or side by side, it is necessary to insert a blank module between them (list no.5544s)

1

6420s

20A
FOUR POLE

1

7240s

40A
DOUBLE POLE

7263s

63A
DOUBLE POLE

CONTACTOR RATINGS:

List no	6220s 6420s 6720s	7240s 7440s	7263s 7463s
RATED CURRENT I _{th}	20A	40A	63A
HEATING: Single phase 230V Three phase 400V	5.4kW 16kW	8.6kW 26kW	13.6kW 41kW
MOTORS: Single phase 230V Three phase 400V	1.1kW 4kW	2.2kW 7.5kW	4kW 11kW
LIGHTING: Incandescent and Halogen lamps: Fluorescent Lamps: (Electronic Ballast)	2,800W 2,000W	7,000W 4,200W	10,000W 6,300W
VOLTAGE RATING: (coil)	230V 50Hz	230V 50Hz	230V 50Hz
CABLE CAPACITY:	6mm ² rigid	25mm ² rigid	25mm ² rigid

BS EN 61095

DIMENSIONS:

6220s: 84 x 18 x 66mm 6420s: 84 x 36 x 66mm 6720s: 84 x 18 x 66mm
7240s: 84 x 36 x 66mm 7263s: 84 x 36 x 66mm 7440s: 84 x 54 x 66mm
7463s: 84 x 54 x 66mm (including half module blank)

1

1

1

7440s

40A
FOUR POLE

1

7463s

63A
FOUR POLE

1

Bell Transformer

TWO MODULE



5711s

Time Switches

SYNCHRONOUS
THREE MODULE

5707s



5724s

QUARTZ
STABILISED
THREE MODULE

5824s

SYNCHRONOUS
ONE MODULE

5833s

DIGITAL
ONE CHANNEL
TWO MODULE

5731s

DIGITAL
ONE CHANNEL
ONE MODULE

5733s

DIGITAL
TWO CHANNEL
TWO MODULE

5732s

5711s 1
RATING 1A AT 8V
PRIMARY
220 – 240V A.C.50Hz

Suitable for installation in Sentry Consumer Units and two or four module enclosures.

Note: When installed in a consumer unit, ensure that output cables inside the enclosures are suitable for a 230V environment, either by sleeving the bell wire to BS 2848 or using 230V cable.

Complete with terminal covers. Also suitable for surface mounting.

DIMENSIONS:
88 x 36 x 67mm
CABLE CAPACITY:
1 x 2.5mm²
EN 61558-2-8

5707s 1
7 DAY DIAL
MIN SETTING 3 HOURS

5724s 1
24 HOUR DIAL
MIN SETTING 30 MINUTES

Suitable for DIN rail mounting in Sentry Consumer Units or four module enclosures.

VOLTAGE RATING:
220-240Va.c. 50Hz
CURRENT RATING:
Resistive load 16A
Inductive load 4A
Tungsten lamps 6A (1350W)
Fluorescent lamps 1350W
DIMENSIONS:
85 x 54 x 68mm
CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²

5824s 1
24 HOUR DIAL
MIN SETTING 30 MINUTES

Suitable for DIN rail mounting in Sentry Consumer Units and two or four module enclosures.

Power reserve 150 hours
VOLTAGE RATING:
220-240Va.c. 50-60Hz
CURRENT RATING:
Resistive load 16A
Inductive load 4A
Tungsten lamps 6A (1350W)
Fluorescent lamps 1350W
DIMENSIONS:
85 x 54 x 68mm
CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²
EN 60730-2-7: 1993

5833s 1
24 HOUR DIAL
MIN SETTING 20 MINUTES

Suitable for DIN rail mounting in Sentry Consumer Units and two or four module enclosures.

VOLTAGE RATING:
240V 50Hz
CURRENT RATING:
Resistive load 16A
Inductive load 4A
Tungsten lamps 6A (1350W)
Fluorescent lamps 1350W
DIMENSIONS:
90 x 18 x 68mm
CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²
EN 60730-2-7: 1993

5731s 1
24 HOUR/7 DAY DISPLAY
MIN SETTING 1 MINUTE

Pre-programmed with UK time and automatic summer/winter adjustment.

Provides 50 programming selections. Freely selectable day grouping facility. Manual override, winter/summer time adjustment.

Power reserve of 3 years. Suitable for DIN-rail mounting in Sentry Consumer Units and two or four module enclosures.

VOLTAGE RATING:
240V 50/60Hz
CURRENT RATING:
Resistive load 16A
Inductive load 2.5A
Tungsten lamps 5A (1000W)
Fluorescent lamps 1000W
DIMENSIONS:
85 x 36 x 68mm
CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²
EN 60730-2-7: 1993

5733s 1
24 HOUR DIAL
MIN SETTING 1 MINUTE

Provides 50 programming selections. Freely selectable day grouping facility. Manual override, winter/summer time adjustment, holiday programme and random generator are standard facilities.

Power reserve of 150 hours. Suitable for DIN rail mounting in Sentry Consumer Units and two or four module enclosures.

VOLTAGE RATING:
240V 50/60Hz
CURRENT RATING:
Resistive load 16A
Inductive load 2.5A
Tungsten lamps 5A (1000W)
Fluorescent lamps 1000W
DIMENSIONS:
90 x 18 x 74mm
CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²
EN 60730-2-7: 1993

5732s 1
24 HOUR/7 DAY DISPLAY
MIN SETTING 1 MINUTE

Pre-programmed with UK time and automatic summer/winter adjustment.

Provides 50 programming selections. Freely selectable day grouping facility. Manual override, winter/summer time adjustment. Power reserve of 3 years. Suitable for DIN-rail mounting in Sentry Consumer Units and two or four module enclosures.

VOLTAGE RATING:
240V 50/60Hz
CURRENT RATING:
Resistive load 16A
Inductive load 2.5A
Tungsten lamps 5A (1000W)
Fluorescent lamps 1000W
DIMENSIONS:
85 x 36 x 68mm
CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²
EN 60730-2-7: 1993

technical hotline +44 (0)1268 563720

circuit protection

Time Delay Switches

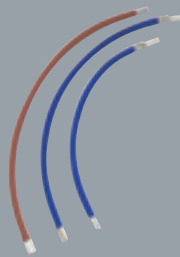
Consumer Unit Cable Kits

Accessories

ONE MODULE



5650s



K5563s



K5565s



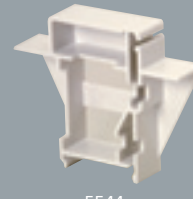
5562s



K8041s



K5593s



5544s



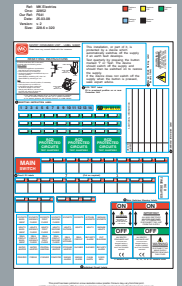
K5545sMAG



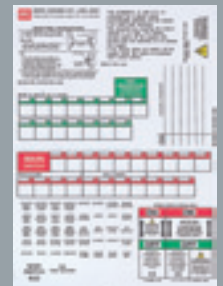
K5511s



KAX26s



K5597s



K5599s

5650s
DELAY RANGE
1 - 7 MINUTES (APPROX)

Suitable for installation in Sentry Consumer Units and two or four module enclosures. Offers time delay control for complete circuits of either tungsten or fluorescent lighting with any number of standard push switches. It can also be used to control fans in bathrooms without a window. Delay setting can be overridden by setting to 'Perm-on' mode, or by fitting a remote overriding switch. Switch has a switching capacity of 16A Resistive loads (upf) Fluorescent lamps uncompensated Series compensated 1300W Parallel compensated 480W CFLS 100W Max. Maximum of 9 units can be connected Incandescent lamps 2000W Neon glow lamp load (locating lamp for Push Switch) 50mA max VOLTAGE RATING: 230V 50Hz DIMENSIONS: 84 x 18 x 70mm CABLE CAPACITY: 1 x 4mm² or 2 x 1.5mm²

1 **K5563s**
SPLIT-LOAD KIT
Consists of 3 cables (2 neutral and 1 live) for use when assembling a split load arrangement.

5 **K5565s**
MULTI-INCOMER KIT
Consists of a blue flexible cable with pre-fitted terminal for the neutral return from switch or RCD to second or third neutral bar.

5 **K5568s**
17th Edition cable kit for switch and twin RCD arrangement

5 **K5567s**
A&D cable kit for switch plus triple RCD arrangement

K5563s
For use when assembling split-load arrangement.

K5565s
For use when assembling a consumer unit in a multi-incomer arrangement with separate supply to each incomer.

These kits must be used to ensure compliance with BS EN 60439-3

5562s
EXTENSION TERMINAL
For use when assembling a consumer unit as a distribution board. Enables direct connection of cables to the neutral bar. Consists of a 25mm² capacity terminal with clamp screw.

K8041s
LOCKING DEVICE
For use when locking a Sentry MCB, RCBO, RCD or switch disconnector in either the on or off position.

K5593s
BARREL LOCK AND KEY KIT
Suitable for securing 'K' series Sentry Consumer Unit lids.

1 **5544s**
MCB BLANK – GREY
Designed to fill unused modules in Sentry Consumer Units and small enclosures. DIN-rail mounted.

10 **K5545sMAG**
COVER MOUNTED BLANK
For filling spaces in the 'K' series Sentry consumer unit cover, where there are unused modules.

1 **K5511s**
BUSBAR
11 module.

1 **K5590s**
BUSBAR
20 module.

10 **KAX26s**
BUSBAR COVER
Suitable for insulating the busbars K5511s and K5590s 20 module.

5 **K5597s**
CONSUMER UNIT LABELS
Additional printed and blank labels, for identifying devices and circuits on Dual & Triple RCD boards

5 **K5599s**
CONSUMER UNIT LABELS
Additional printed and blank labels, for identifying devices and circuits on single RCD boards.